Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 30 Sep 2023 until 23:59 on Sunday 01 Oct 2023

Forecast Issued on Friday 29 Sep 2023 at 15:40

Confidence: Some uncertainty remains for rainfall details Saturday. High for west or southwesterly winds to bring showers from Monday.

Headline for Saturday 30 Sep 2023: Dry initially, turning wet and windy in the afternoon.

Mountain weather hazards on Saturday 30 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Heavy Rain	Light rain	Dull
Precipitation probability							
00%	00%	00%	00%	20%	80%	60%	40%

Forecast for Saturday 30 Sep 2023

Weather: Dry overnight with patchy cloud near hill tops. Some brightness through the morning with sunny intervals, before thickening cloud will bring rain northeast into the afternoon and evening, rain occasionally heavy.

Chance of cloud-free hill tops above 600m: 80% in the morning, becoming 30% later.

Low cloud and visibility: Good visibility with good air clarity in the morning, some patchy cloud down to 500 metres at first. Hill fog down to 300 metres developing later in the evening and overnight.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 30 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/16 SW	9/12 SW	9/11 SW	9/13 SW	12/17 SW	15/21 S	23/32 S	26/37 S	26/36 SW
300	9/15 SW	6/10 S	5/8 S	6/9 S	10/16 S	11/18 S	19/29 S	20/30 S	19/29 SW
Valley	3/12 SW	3/8 S	3/10 SE	5/9 S	7/14 S	8/17 S	11/26 S	12/29 S	12/27 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	8/6	8/6	10/8	10/8	10/7	11/7	11/7	12/8
300	11/9	10/9	10/9	12/11	13/11	12/10	13/10	14/10	14/11
Valley	11/10	10/10	10/10	13/12	14/12	13/12	13/11	14/12	14/13
Freezing Level*	1900m	1900m	2000m	1800m	1800m	3500m	3600m	3400m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strengthening winds in the afternoon will make for slow progress. Combined with heavy rain this will lead to drenching conditions and a notable wind chill. Best of the conditions in the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 29 Sep 2023	N/A	N/A	N/A

Forecast for Sunday 01 Oct 2023

Weather: Wet and windy overnight. A cloudy start with rain likley beginning to ease and clear through the morning. Dry and clear with sunny spells developing into the afternoon.

Maximum wind: Southwesterly 15-20 mph with gusts to 30-35 mph on the summits, easing later.

Chance of cloud-free hill tops above 600m: 20% in the morning, 80% by afternoon.

Low cloud and visibility: Poor in low cloud down to 600 metres at first, this breaking and lifting, with cloud largely above the summits in the afternoon with excellent visibility.

Temperature: **Valleys:** Plus 16 Celsius
At 600m: Plus 9 Celsius
Freezing level: Above summits

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